

Chattanooga Metropolitan Airport

Challenge

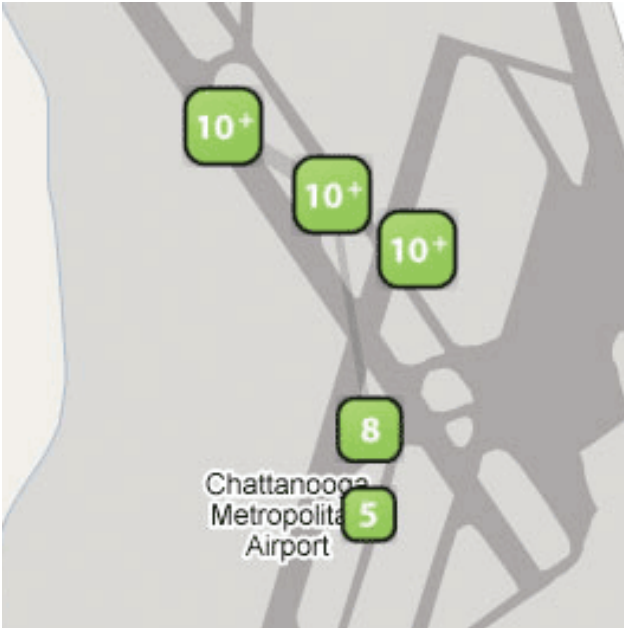
Local authorities wanted to offer free, reliable high-speed wireless over their entire local airport complex, to serve travellers and staff alike. But the terminals were far-flung and the construction presented a wireless line-of-sight challenge and potentially expensive barrier.

Results

With a single high-speed Internet connection and just five Meraki nodes, the airport complex was blanketed in wireless signal within hours.

Benefits

- Ease of setup
- Low maintenance
- Hosted central management
- Highly reliable



The Chattanooga Metropolitan Airport Authority wanted to provide ubiquitous wireless Internet access throughout their entire facility to service both airport customers and staff. To accomplish their goal, a local wireless Internet Service Provider (WISP), AirNet Group, was brought in to make it happen.

To meet the requirements of the airport while keeping the total project economically feasible, the AirNet team needed an affordable solution that would prove easy to install, easy to manage, and highly reliable. After using Meraki products in a number of other applications, AirNet Group heard of Chattanooga Airport's need for a reliable network solution and knew that Meraki would be a perfect fit. With only five Meraki nodes, the entire airport, including the terminal, baggage claim, ticketing area, and coffee shop, was blanketed with wireless Internet coverage.



Together with officials at Chattanooga Airport, AirNet Group had the entire network installed and running within just a few hours. Utilizing an Internet connection provided by AirNet, the Meraki network automatically configured as soon as the products were powered on. The Meraki hardware was installed inside false ceilings and lighting soffits, for added security.

Because AirNet Group is responsible for ongoing support, they needed a management service that would allow them to access the network remotely. The web-based Meraki Dashboard suited their needs perfectly. With the tools and features provided in the Dashboard, AirNet Group can ensure that the Meraki mesh network remains fully operable, and can change configurations on the network with the click of a button from anywhere in the world.

Unlike previous solutions they had tried, Meraki's wireless solution continues to perform extremely well for the Chattanooga Metropolitan Airport Authority and AirNet Group. The robust nature of Meraki's products ensure optimal uptime of the network, and requires little or no adjustment to function properly. The result is the highly reliable wireless network that currently services the entire airport.

"AirNet's free wireless Internet (Wi-Fi) access gives Chattanooga passengers one more opportunity to multi-task while they wait to board their flight. We appreciate AirNet's partnership in supporting the Airport's customer service goals."

—Mike Landguth, President and CEO, Chattanooga Metropolitan Airport Authority

To date, the network has supported more than 20,000 users. Not only does the network allow airport customers and staff to use the Internet, it also showcases Chattanooga Metropolitan Airport Authority as innovative and customer-focused to its passengers and residents alike.

